

CLAIMS:

1. A method of displaying a graphical user interface (GUI) widget, comprising:
 - 5 determining the distance D between a displayed GUI widget and a displayed selection pointer; and scaling the visual size of the displayed GUI widget based on the distance D.
 - 10 2. The method of claim 1, further comprising:
 - defining a mass value m associated with the displayed GUI widget;
 - defining a mass value M associated with the displayed selection pointer; and scaling the visual size of the displayed GUI widget based on the mass values m and M and the distance D.
 - 15 3. The method of claim 2, further comprising:
 - calculating $B = \sqrt{m/M}$; and scaling the visual size of the displayed GUI widget as a function of B.
 - 20 4. The method of claim 2, further comprising:
 - calculating a force value $F = m*M/D^2$; and scaling the visual size of the displayed GUI widget as a function of the force value F.

5. A computer-readable medium storing a computer program product for displaying a graphical user interface (GUI) widget, comprising:
means for determining the distance D between a displayed GUI
5 widget and a displayed selection pointer; and
means for scaling the visual size of the displayed GUI widget based
on the distance D.
- 10 6. The computer-readable medium of claim 5, further comprising:
means for defining a mass value m associated with the displayed
GUI widget;
means for defining a mass value M associated with the displayed
selection pointer; and
means for scaling the visual size of the displayed GUI widget based
15 on the mass values m and M and the distance D.
- 20 7. The computer-readable medium of claim 5, further comprising:
means for calculating $B = \sqrt{m/M}$; and
means for scaling the visual size of the displayed GUI widget as a
function of B.
8. The computer-readable medium of claim 5, further comprising:
means for calculating a force value $F = m*M/D^2$; and
means for scaling the visual size of the displayed GUI widget as a
25 function of the force value F.

9. A computer system, comprising:
- 5 a display;
- a graphical user interface (GUI) presented by the display;
- a widget displayed in the GUI, the widget having a mass value m associated therewith;
- a selection pointer displayed in the GUI, the selection pointer having a mass value M associated therewith;
- 10 means for determining a distance D between the displayed widget and selection pointer; and
- means for scaling the visual size of the displayed widget based on the mass values m and M and the distance D .
- 15 10. The computer system of claim 9, further comprising:
- means for calculating $B = \sqrt{m/M}$; and
- means for scaling the visual size of the displayed widget as a function of B .
- 20 11. The computer system of claim 9, further comprising:
- means for calculating a force value $F = m \cdot M / D^2$; and
- means for scaling the visual size of the displayed widget as a function of the force value F .